

Thesis Title A case-control study of suicidal attempt in age group 15-30 years

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#### Abstract

This research is aimed to study the epidemiology of suicidal attempt in age group 15-30 years by matching case and control groups with age and sex. The data were obtained from 100 suicidal attempt patients in age group 15-30 years who registered in emergency room and some admitted in medical wards at Chulalongkorn Hospital during November 11, 1985 to September 30, 1986. There were 100 case of control patients obtained from the same medical wards with other diseases out of suicidal attempt.

The results of the study revealed that most of suicidal attempt patients in age group 15-30 years were female (75%), 15-19 years old (46%) single (51%), marriage (48%), domicile in Bangkok (46%) and primary education (46%). The method used for attempted suicide was drug ingestion (90%) and the most common drugs were tranquilizer and sedative drug (35%). The commonest precipitating causes were marital problem, familial problems and love problems respectively.

At 0.05 level of significance, factors related to attempted suicide were drug addiction (Odd ratio = 9.7), previous history of attempted suicide (OR = 7.4); poor familial warmth in childhood, marital problems (OR = 26.3), withdrawal habit (OR = 2.3), emotional (OR = 2.1), support (OR = 2.4), feel hurt (OR = 3.7) and the last was preoccupation (OR = 4.5)

At 0.05 level of significance, factors unrelated to attempted suicide were incomes, marital status, level of education, familial structure in childhood, history of psychosis in family, history of suicide in family, envy and jealous habit, poor self-confidence, easy blend, mistrust, angry and irritable, have respectful fear, anxiety, vindictive, shy, ambition, lability, suggestibility, inadequacy and the last was quarrelsome habit.